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Vendor: ISQI

Exam Code: CPRE-FL

Exam Name:IREB Certified Professional for Requirements Engineering - Foundation Level (CPRE FL)

Version: Demo

QUESTION 1

Requirements elicitation: Your company has received a customer contract to develop a system for the scheduling of the customer\\'s delivery vans. It is your task to identify the requirements for this scheduling system. You have arranged appointments for interviews with three key members of the customer\\'s staff, and are now preparing interview questions. Which of the questions below are appropriate interview questions for the requirements elicitation? (2 Points)

- A. What are the most important technical terms for the application and how are they defined?
- B. If the delivery deadline is not met, is a contract penalty to be paid?
- C. What data quantities / data rates are to be processed?
- D. When is the installation of the completed system to be started?

Correct Answer: C

QUESTION 2

In delimiting system and system context, a differentiation is made between the system boundary and the context boundary. This differentiation is important in order to understand which aspects impact on the requirements of the system to be developed and which do not. Choose the two correct statements. (2 Points)

- A. The context boundary separates the system from the system context.
- B. The system boundary and the context boundary define the system context.
- C. The system context includes all aspects that are not relevant to the requirements of the planned system.
- D. Only the aspects within the system boundary must be taken into account in order to determine the requirements of the system to be developed.
- E. The selection of the system boundary establishes which aspects are covered by the system to be developed and which lie beyond its scope.

Correct Answer: BE

QUESTION 3

Starting from an informal and unstructured description of the facts, semiformal description techniques attempt to take a step in the direction of formality, for example to prevent misunderstandings. One of the semiformal description techniques is the sentence-template. What is the most precise definition of a sentence-template as used for requirements? (1 Point)

- A. A sentence-template is a blueprint for a requirement.
- B. A sentence-template is a blueprint for the semantic filling of the individual requirement elements.
- C. A sentence-template is a blueprint for the syntax and semantics of a requirement.
- D. A sentence-template is a blueprint for the syntactical structure of an individual requirement.

Correct Answer: D

QUESTION 4

As a requirements engineer, you deal with a diverse range of requirements. A template for natural language functional requirements can help you to formulate different forms of system activities in a more precise way. Which two kinds of system activities are among those supported? (1 Point)

- A. User interaction
- B. Technical requirement
- C. Quality requirements
- D. Independent system activity
- E. System requirement

Correct Answer: AD

QUESTION 5

You would like to design a requirements document in such a way that it is particularly well suited to the project participants who are to continue working with it. Please select from the following statements the two most appropriate assignments of requirement properties to participants. (1 Point)

- A. For the tester the requirements must be practicable.
- B. For the developers the requirements must be easily changeable.
- C. For all participants the requirements must be consistent.
- D. For the project manager the requirements must be evaluated.
- E. For maintenance the requirements must be testable.

Correct Answer: CD

QUESTION 6

Requirements must be checked in terms of content, documentation and agreement. Indicate with regard to this whether each statement is true or false. (2 Points)

True	False	
A	В	Inspection is a checking technique that is very informal but which is therefore also very efficient.
C	D	Field observation is the most frequently used checking technique.
E	F	No more than one tester should ever be used for checking, as this may invite conflicts that hinder the project execution.
G	Н	Subject matter conflicts must be resolved before checking, since these conflicts are not recognized in checking.

A. B, D, F, H

Correct Answer: A

QUESTION 7

According to the Kano model, there is a particular category of system attributes that has an almost linear relationship between satisfaction and degree of compliance.

For which category is this so? (1 Point)

- A. Basic attributes
- B. Performance attributes
- C. Excitement attributes
- D. Needs
- E. Goals

Correct Answer: B

QUESTION 8

A requirement specification includes a description of the properties of the requirement. Which of the properties listed below can be used as requirement attributes and which cannot? Please indicate true or false. (2 Points)

True	False	
A	В	Importance of the requirement
C	D	Criticality of the requirement
E	F	Responsibility for the implementation of the requirement
G	Н	The release in which the requirement will be productively implemented for the first time
I	J	How legally binding the requirement is

QUESTION 9

Within system development, conflicts continually arise between stakeholders with regard to the requirements. As a requirements engineer, how do you handle conflicts in projects best? (1 Point)

- A. You resolve the conflict with the best resolution technique available to you.
- B. You analyze the conflict, try to bring about a solution with a suitable technique and document relevant information about the conflict.
- C. You ignore the conflict since this is a matter for project management.
- D. In order to resolve such conflicts you escalate them via the escalation paths defined in the project.

Correct Answer: B

QUESTION 10

Which two pieces of information should always be recorded in the stakeholder list? (1 Point)

- A. Importance of the stakeholders
- B. Role designation
- C. Length of service with a company
- D. Disciplinary superior
- E. References to previously conducted projects

Correct Answer: BC

QUESTION 11

One activity in managing requirements includes prioritization of the requirements. Which of the following criteria is not a sensible criterion for prioritization? (1 Point)

- A. The impact on the existing operational system (operating environment)
- B. The influence on the overall success of the business
- C. The effort for the validation of the requirements
- D. The costs resulting from the implementation of the requirements
- E. Which requirements must be implemented in which release

QUESTION 12

Validating requirements is one of the main activities of requirements engineering. Which four of the following techniques are suitable for requirements validation? (2 Points)

- A. Stakeholder analysis
- B. Walk through
- C. Ranking
- D. Monitoring
- E. Decomposition
- F. Apprenticing
- G. Generalization
- H. Validation by using an interface prototype
- I. Perspective-based reading
- J. Inspection
- K. Visualization

Correct Answer: BHIJ